

I claim:

1. An implement handle graspable by a hand of an intended user and connectable to an
5 implement head, said hand including a thumb, an index finger, a middle finger, a ring finger
and a small finger, each extending from a palm, each of said fingers including a pair of
corresponding finger lateral surfaces and a corresponding distal pulp; said implement handle
comprising:
 - a generally elongated body defining a body longitudinal axis, a body forward end for
10 connection to said implement head and a longitudinally opposed body rearward end; said
body also defining a body top surface and a substantially opposed body bottom surface;
- said body defining an encirclable section located intermediate said body forward and
rearward ends, said encirclable section being configured and sized so as to be graspable
between at least a portion of said palm and at least a portion of at least either one of said
15 middle, ring or small fingers at least partially encircling said encirclable section;
- said body top surface being provided with an identifiable thumb rest area located
intermediate said encirclable section and said body forward end for contacting at least a
portion of the distal pulp of said thumb, said thumb rest area defining a rest area
forwardmost location;
20 - said body bottom surface being provided with a substantially concave indentation defining
an indentation surface located intermediate said encirclable section and said body forward
end for contacting at least a portion of one of said finger lateral surfaces of said index finger
with the latter in substantially perpendicular relationship with said body longitudinal axis;

- said indentation surface having a substantially arcuate cross-sectional configuration defining an indentation first end located substantially adjacent said encircable section and an indentation second end located substantially adjacent to said body forward end; said body defining a cross-sectional first reference plane extending in a substantially perpendicular relationship with said body longitudinal axis and in register with said indentation second end, said indentation surface being configured and sized so that at least a section of said indentation surface is positioned forwardly relative to said first reference plane.

2. An implement handle as recited in claim 1 wherein said thumb rest area is longitudinally offset relative to said indentation, said thumb rest area being located substantially forwardly relative to said indentation.

3. An implement handle as recited in claim 2 wherein

- said indentation surface defines an indentation surface forwardmost location;
- said body defines a cross-sectional second reference plane intercepting both said indentation surface forwardmost location and said rest area forwardmost location;
- said second reference plane being angled relative to said first reference plane by a first-to-second reference plane angle.

4. An implement handle as recited in claim 3 wherein said first-to-second reference plane angle has a value of between approximately 20 degrees and 80 degrees.

5. An implement handle as recited in claim 1 wherein said thumb rest area has a substantially oval configuration with the long axis of the oval configuration substantially aligned with said body longitudinal axis.
- 5 6. An implement handle as recited in claim 5 wherein said thumb rest area has a substantially concave configuration.
7. An implement handle as recited in claim 1 wherein said thumb rest area has a substantially saddle-shaped configuration.
- 10 8. An implement handle as recited in claim 1 wherein said thumb rest area is topographically different than an area adjacent thereto so as to facilitate differentiation thereof.
9. An implement handle as recited in claim 1 wherein said thumb rest area is recessed relative
15 to an adjacent area thereof so as to facilitate differentiation therewith.
10. An implement handle as recited in claim 1 wherein said thumb rest area protrudes relative to an adjacent area thereof so as to facilitate differentiation therewith.
- 20 11. An implement handle as recited in claim 1 wherein said thumb rest area has a different surface texture than that of an adjacent area thereof so as to facilitate differentiation therewith.

12. An implement handle as recited in claim 11 wherein at least part of said thumb rest area is provided with a friction enhancing surface texture.

13. An implement handle as recited in claim 12 wherein said at least part of said thumb rest
5 area is provided with friction enhancing protrusions extending therefrom.

14. An implement handle as recited in claim 1 wherein said thumb rest area is provided with a visually distinguishable thumb area edge so as to facilitate differentiation thereof relative to an adjacent section thereof.

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15. An implement handle as recited in claim 14 wherein said thumb area edge includes a peripheral rim.

16. An implement handle as recited in claim 1 wherein said encircable section has a
15 substantially convex configuration, said encircable section being configured and sized for substantially conforming to the substantially concave configuration of said palm when said encircable section is grasped between said palm and said middle, ring or small fingers encircling said encircable section.

20 17. An implement handle as recited in claim 1 wherein said encircable section has a substantially fusiform configuration tapering rearwards towards said body rearward end and tapering forwardly towards both said thumb rest area and said indentation.

18. An implement handle as recited in claim 1 wherein said encirclable section has a substantially asymmetrically flattened fusiform configuration with the transversal cross-sectional configuration of said body top surface having a greater radius of curvature than that of said body bottom surface.

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19. An implement handle as recited in claim 1 wherein at least part of said body bottom surface further defines a bottom abutment section, said bottom abutment section for abuttingly contacting said index, middle, ring and small fingers.

10 20. An implement handle as recited in claim 1 wherein at least part of said body bottom surface further defines a bottom abutment section, said bottom abutment section being made out of a different material than that of an adjacent area.

15 21. An implement handle as recited in claim 20 wherein said bottom abutment section is made out of a substantially resilient material.

22. An implement handle as recited in claim 20 wherein said bottom abutment section is made out of an elastomeric resin.

20 23. An implement handle as recited in claim 20 wherein said bottom abutment section extends at least partially across said encirclable section.

24. An implement handle as recited in claim 20 wherein said bottom abutment section extends at least partially across said indentation surface.

25. An implement handle as recited in claim 20 wherein said bottom abutment section extends at least partially across said encircable section and at least partially across said indentation surface.

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26. An implement handle as recited in claim 1 wherein at least part of said body upper surface further defines a thumb positioning section located substantially adjacent said thumb rest area, said thumb positioning section being configured and sized for allowing at least part of said distal pulp of said thumb to abuttingly rest on said thumb rest area while said

10 encircable section is grasped between at least a portion of said palm and at least a portion of at least either one of said middle, ring or small fingers at least partially encircling said encircable section.

27. An implement handle as recited in claim 26 wherein said thumb positioning section at

15 least partially encircles said thumb rest area.

28. An implement handle as recited in claim 26 wherein said thumb positioning section encircles said thumb rest area and has a substantially saddle-shaped configuration, said thumb rest area being offset forwardly within said thumb positioning section.

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29. An implement handle as recited in claim 26 wherein said thumb positioning section is made out of a different material than that of an adjacent area.

30. An implement handle as recited in claim 29 wherein said thumb positioning section is made out of a substantially resilient material.
31. An implement handle as recited in claim 29 wherein said thumb positioning section is
5 made out of an elastomeric resin.
32. An implement handle as recited in claim 29 wherein said thumb positioning section is surrounded by a positioning section peripheral rim.
- 10 33. An implement handle as recited in claim 1 further comprising a spacing section for spacing said fingers from said implement head, said spacing section extending between said body forward end and between both said indentation and said thumb rest area.
34. An implement handle as recited in claim 33 wherein said spacing section had a
15 substantially frusto-conical configuration.
35. An implement handle as recited in claim 1 wherein said body is provided with a body aperture extending transversally therethrough, said body aperture being positioned substantially adjacent said body rearward end.
- 20 36. An implement handle as recited in claim 1 wherein said thumb rest area is visually identifiable.

37. An implement handle as recited in claim 1 wherein said thumb rest area is tactually identifiable.

38. An implement handle graspable by a hand of an intended user and connectable to an
5 implement head, said hand including a thumb, an index finger, a middle finger, a ring finger
and a small finger, each extending from a palm, each of said fingers including a pair of
corresponding finger lateral surfaces and a corresponding distal pulp; said implement handle
comprising:
- a generally elongated body defining a body longitudinal axis, a body forward end for
10 connection to said implement head and a longitudinally opposed body rearward end; said
body also defining a body top surface and a substantially opposed body bottom surface;
 - said body defining a substantially fusiform encirclable section located intermediate said
body forward and rearward ends, said encirclable section being configured and sized so as to
be graspable between at least a portion of said palm and at least a portion of at least either
15 one of said middle, ring or small fingers at least partially encircling said encirclable section;
 - said body top surface being provided with a visually identifiable thumb rest area located
intermediate said encirclable section and said body forward end for contacting at least a
portion of the distal pulp of said thumb, said thumb rest area defining a rest area
forwardmost location;
 - 20 - said body bottom surface being provided with a substantially concave indentation defining
an indentation surface located intermediate said encirclable section and said body forward
end for contacting at least a portion of one of said finger lateral surfaces of said index finger
with the latter in substantially perpendicular relationship with said body longitudinal axis;

- said body further defining a spacing section for spacing said fingers from said implement head, said spacing section extending between said body forward end and between both said indentation and said thumb rest area.

5 39. An implement handle graspable by a hand of an intended user and connectable to an implement head, said hand including a thumb, an index finger, a middle finger, a ring finger and a small finger, each extending from a palm, each of said fingers including a pair of corresponding finger lateral surfaces and a corresponding distal pulp; said implement handle comprising:

10 a generally elongated body defining a body longitudinal axis, a body forward end for connection to said implement head and a longitudinally opposed body rearward end; said body also defining a body top surface and a substantially opposed body bottom surface; said body being configured so as to define a longitudinal cross-sectional configuration having a substantially fusiform encirclable section tapering rearwards towards said body rearward end
15 and frontwardly towards a neck section, said neck section diverging frontwardly into an abutment section, said neck and abutment sections together defining a thumb rest area on said body top surface and an index rest area on said body bottom surface; said abutment section tapering frontwardly into a spacing section for spacing said fingers from said implement head.

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40. An implement handle as recited in claim 39 wherein said neck section defines a top surface nadir and a bottom surface nadir, said top surface nadir being forwardly offset relative to said bottom surface nadir.

41. An implement handle as recited in claim 39 wherein said abutment section defines a top surface peek and a bottom surface peek, said top surface peek being forwardly offset relative to said bottom surface peek.

- 5 42. An implement handle as recited in claim 39 wherein
- said neck section defines a top surface nadir and a bottom surface nadir, said top surface nadir being forwardly offset relative to said bottom surface nadir;
 - said abutment section defines a top surface peek and a bottom surface peek, said top surface peek being forwardly offset relative to said bottom surface peek.

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43. An implement handle as recited in claim 39 wherein, when seen in a top view, said body defines a substantially stretched-out hour-glass configuration tapering substantially about said neck and spacing sections.

- 15 44. An implement as recited in claim 39 wherein said neck section is offset forwardly relative to said body forward and rearward ends.